

IOWA STATE UNIVERSITY

President's Office

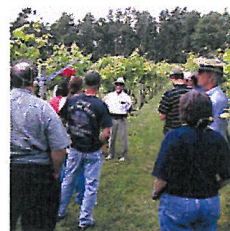
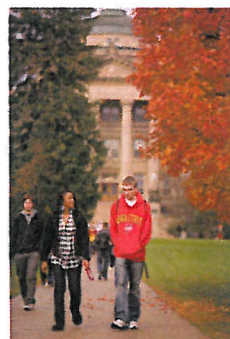
Joint Education Appropriations Subcommittee

President Steven Leath

February 8, 2012

Our Land-Grant Mission

- Providing a superior education to students
 - Record 29,887 students in fall 2011; 68% of undergraduates are lowans
- Making a better Iowa through research
 - \$342.3M in external grants & contracts; strong focus on practical research applied to meeting the needs of Iowa
 - An engine for economic development
- Serving Iowa through extension and outreach



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Priority: Student Success

- **Job Ready Education**
 - Course work directly relates job skills and knowledge
 - Practical work experiences (internships, research assistants, study abroad)
 - Service learning
 - Taught by the best faculty
- **Partnerships with Community Colleges and K-12**
 - Common expectations reduces remediation, smoothes transition to ISU
 - Early career exploration focuses students and parents on career potential
- **Value of the University Experience**
 - Nationally recognized Learning Communities: Help students adjust to college life with immediate support group of fellow students
 - Leadership opportunities across campus: >800 clubs and organizations; more leadership opportunities than other universities
 - Award-winning entrepreneurial education programs

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Student Success - Results

90% placement rate (despite recession economy)

(with jobs or continuing education 6 months after graduation):

- **College of Agriculture and Life Sciences**
 - 98% placement rate (75% start careers in Iowa)
- **College of Engineering**
 - 93% placement rate (99% in better economic times)
- **College of Human Sciences**
 - 92% placement rate overall
 - 93% placement rate in Teacher Education (70% in Iowa)
- >88,000 ISU graduates reside in Iowa



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Student Success - Results

Largest and most successful career fairs in the nation

- **Engineering:**
 - 250 companies, 750 recruiters, 4,000 students
- **Agriculture and Life Sciences:**
 - 175 companies
- **Business/Human Sciences/Liberal Arts and Sciences:**
 - Combined career fair for maximum exposure for students
- **College of Design:**
 - Professional portfolio interviews



BUSINESS | LIBERAL ARTS AND SCIENCES | HUMAN SCIENCES
CAREER FAIR

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Priority: Create Jobs, Grow Iowa

ISU Economic Development

- Programs in nearly every Iowa county
- Collaboration with 5,000+ companies (most with 100 or fewer employees)
- >8,000 new or retained jobs
- \$375M financial impact
- Workshops & client assistance to 4,000+



ISU Extension and Outreach:

- Last year, 1.8 million people benefited from ISU Extension and Outreach educational programs, and nearly 17,000 volunteers worked with ISU Extension
- Companies that worked with ISU Center for Industrial Research and Service (CIRAS) reported making \$43 million in new investments and creating or retaining more than 6,000 jobs
- 94,000 youth involved in 4-H programs (1 in 5 school-age youth)

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Create Jobs, Grow Iowa - Results

- Created a cloud-based software solution for publicly traded companies in reporting to Securities and Exchange
- 250 new jobs over 4 years
- \$170M direct impact over 5 years (\$675M indirect)
- Building a cellulosic ethanol production facility in Nevada, IA
- \$275.5M investment
- 60 employees
- \$30M annual economic impact for Iowa

webFilings™



DDCE
DuPont Danisco Cellulosic Ethanol LLC



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Priority: Accountability

Organizing for success

- Merged two colleges
- Reorganizing administrations of several colleges (Design, Engineering, Human Sciences, Liberal Arts & Sciences)
- Merged three central IT departments
- Merged or instituted shared administration functions for 6 academic departments
- Closed, consolidated research centers and institutes
- Eliminated many low-enrollment programs
- Eliminated several administrative positions, including a Vice Provost
- 2009 IRPE Gold Award (Baldrige program) for efficiency of operations
- Many other reorganizations and stream-linings



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Accountability - Results

Success story: College of Engineering

- In 2010, administration restructured & streamlined; 22 positions eliminated for \$1.5M annual savings
- IT, accounting, some student service areas now shared by college units for greater efficiency
- Online course delivery merged with College of Liberal Arts & Sciences
- Since 2009: Annual administrative costs reduced by \$3M; many fees eliminated and online student delivery fees cut 50%



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New Regents Initiative: Renewable Energy and Biosciences \$7.5 million

- Expand the state of Iowa's leadership in meeting the world's needs for food, fuel and materials from renewable sources
- Leverage Iowa's public university strengths in research and technology to create jobs and grow Iowa's economy



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New Regents Initiative: Renewable Energy and Biosciences

\$7.5 million

Unlock new economic potential in plant and animal products and utilization:

- Develop advanced technologies to convert biomass to energy and high-value chemicals
- Develop highly efficient, productive biorefineries that require skilled workers
- Increase carbon sequestration and enhance soil quality through cropping systems and biochar research
- Increase feed efficiency in production of animal protein
- Develop next generation of biobased lubricant products to meet industry demands
- Showcase best practices in "green power" generation
- Improve application of industry and community waste streams to energy production



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College of Engineering

Engineering by the Numbers

